

# REMARKS

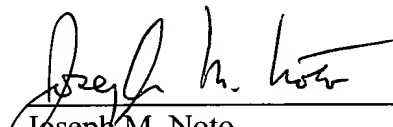
Entry of the foregoing in advance of the initial Office Action is respectfully requested.

By the present preliminary amendment, claims 2-11 and the Abstract have been amended to conform the foreign language originating text to U.S. practice. Pursuant to 37 CFR § 1.121, attached as Appendix A is a Version With Markings to Show Changes Made.

Early allowance of the pending claims is hereby earnestly solicited.

Respectfully submitted,

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**Appendix A**  
**Version With Markings to Show Changes Made**

In reference to the amendments made herein to claims 2-11, additions appear as underlined text, while deletions appear as bracketed text, as indicated below:

2. (Amended) Acrylophosphonic acid according to claim 1, [characterized in that] wherein the variables of formula (I) have the following meanings independently of each other:

$R^1$  = a linear or branched  $C_1$  to  $C_5$  alkylene radical of phenylene;

$R^2$  = hydrogen or a linear  $C_1$  to  $C_3$  alkyl radical;

Y = oxygen or is absent;

X = CN or  $CONR^3$  with

$R^3$  = hydrogen, a linear  $C_1$  to  $C_6$  alkyl radical, a phenyl radical or together with Z part of a six-membered ring;

n = 1 or 2; and

Z = hydrogen or a linear or branched  $C_1$  to  $C_{10}$  alkyl radical, a phenyl radical or together with  $R^3$  part of a six-membered ring (for n = 1); or

Z = a linear  $C_1$  to  $C_{10}$  alkylene radical or together with  $R^3$  part of a six-membered ring (for n = 2).

3. (Amended) Acrylophosphonic acid according to claim 2, [characterized in that] wherein the variables of formula (I) have the following meanings independently of each other:

$R^1$  = a linear  $C_1$  to  $C_4$  alkylene radical;

$R^2$  = hydrogen or a methyl radical;

Y = oxygen;

X =  $CONR^3$ ;

$R^3$  = hydrogen or a linear  $C_1$  to  $C_5$  alkyl radical; and

Z = hydrogen or a linear  $C_1$  to  $C_6$  alkyl radical (for n = 1); or

Z = a linear  $C_1$  to  $C_5$  alkylene radical (for n = 2).

4. (Amended) Acrylophosphonic acid according to [one of claims 1 to 3, characterized in that] claim 1, wherein the radicals  $R^1$ ,  $R^2$ ,  $R^3$  and/or Y are unsubstituted.

5. (Amended) Acrylophosphonic acid according to [one of claims 1 to 4, characterized in that] claim 1, wherein the radical Z is unsubstituted or is substituted by =O, =S, =NR<sup>2</sup> or -NR<sup>3</sup>-CO-C(=CH<sub>2</sub>)CH<sub>2</sub>-Y-R<sup>1</sup> PO(OH)<sub>2</sub>.

6. (Amended) [Use of the a] Acrylophosphonic acid according to claim 1, wherein said acrylophosphonic acid is [claims 1 to 5 as] a component of an adhesive, of a polymer, of a composite, of a cement, of a molded article [and] or [in particular of] a dental material.

7. (Amended) [Use] Acrylophosphonic acid according to claim 6, [characterized in that] wherein the dental material is a dental adhesive, a fixing cement or a filling composite.

8. (Amended) [Use] Acrylophosphonic acid according to claim 6 [or 7, characterized in that], wherein the acrylophosphonic acid is present in at least partially polymerized form.

9. (Amended) Dental material[, characterized in that it contains] containing an acrylophosphonic acid according to claim 1 [claims 1 to 5].

10. (Amended) Dental material according to claim 9, [characterized in that it contains] containing the acrylophosphonic acid in at least partially polymerized form.

11. (Amended) Polymers and copolymers[, characterized in that they can be] obtained by polymerization or copolymerization of an acrylophosphonic acid according to claim 1 [one of claims 1 to 5].

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